

Title (en)

INDUCTION HEATING COOKTOP COMMUNICATION SYSTEM

Title (de)

KOMMUNIKATIONSSYSTEM FÜR EIN INDUKTIONSERWÄRMUNGSKOCHFELD

Title (fr)

SYSTÈME DE COMMUNICATION DE TABLE DE CUISSON CHAUFFANT PAR INDUCTION

Publication

EP 2798911 A1 20141105 (EN)

Application

EP 12812998 A 20121221

Priority

- TR 201113315 A 20111230
- EP 2012076664 W 20121221

Abstract (en)

[origin: WO2013098240A1] The present invention relates to a communication system (1) comprising a cooktop (2) having one or more than one induction coil (4), and a control unit (5), and an appliance (3), suitable for being operated wirelessly on the cooktop (2), a user interface (7) having a display and a keypad that provide monitoring and controlling of the operating parameters like temperature, motor speed and a microcontroller (8) that contains the identification information and operating parameters recorded in its memory, and a voltage regulating circuitry (9) that supplies the microcontroller (8) and the user interface (7) with low value voltage by the power that is partially received from the induction coil (4).

IPC 8 full level

H05B 6/12 (2006.01)

CPC (source: EP)

H05B 6/1236 (2013.01); **H05B 2213/06** (2013.01)

Citation (search report)

See references of WO 2013098240A1

Cited by

EP3606284A1; WO2022233660A1; WO202223286A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2013098240 A1 20130704; CN 104919894 A 20150916; CN 104919894 B 20170829; EP 2798911 A1 20141105; EP 2798911 B1 20171213; PL 2798911 T3 20180530; TR 201718728 T4 20180321

DOCDB simple family (application)

EP 2012076664 W 20121221; CN 201280070964 A 20121221; EP 12812998 A 20121221; PL 12812998 T 20121221; TR 201718728 T 20121221